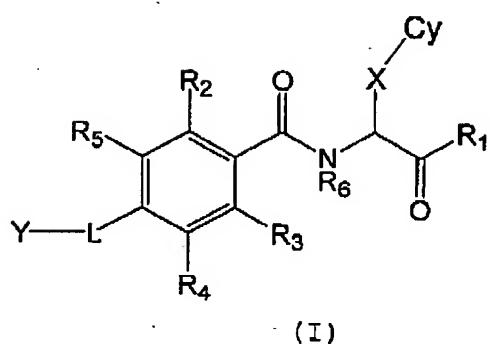


10/618,178

PATENT DOCKET NO.: P1862R1C1

Listing of claims:

1. (currently amended) A compound of formula (I)



wherein

Cy is a non-aromatic carbocycle or heterocycle optionally substituted with hydroxyl, mercapto, thioalkyl, halogen, oxo, thio, amino, aminoalkyl, amidine, guanidine, nitro, alkyl, alkoxy or acyl;

X is -CH₂-NR₆-[divalent hydrocarbon chain]- wherein said a divalent hydrocarbon chain is optionally substituted with hydroxyl, mercapto, halogen, amino, aminoalkyl, nitro, oxo or thio and optionally interrupted with N, O, S, Se or SO₂;

Y is a carbocycle or heterocycle optionally substituted with hydroxyl, mercapto, halogen, oxo, thio, thioalkyl, amino, aminoalkyl, carbocycle or heterocycle ring, hydrocarbon, a halo-substituted hydrocarbon, amino, amidine, guanidine, cyano, nitro, alkoxy or acyl;

L is a bond or a divalent hydrocarbon chain optionally substituted hydroxyl, halogen, oxo or thio and optionally

10/618,178

PATENT DOCKET NO.: P1862R1C1

~~interrupted with N, O, S, SO or SO₂ or an amino acid residue; less than 3 or 5 atoms~~

R₁ is H, OH, amino, O-carbocycle or alkoxy optionally substituted with amino, a carbocycle or heterocycle;

R₂₋₅ are independently H, hydroxyl, mercapto, halogen, cyano, amino, amidine, guanidine, nitro or alkoxy; or R₃ and R₄ together form a fused carbocycle or heterocycle optionally substituted with hydroxyl, halogen, oxo, thio, amino, amidine, guanidine or alkoxy;

R₆ is H or a hydrocarbon chain optionally substituted with a carbocycle or a heterocycle; and

salts, solvates and hydrates thereof,

~~with the proviso that when Y is phenyl, R₂, R₄ and R₅ are H, R₃ is Cl and R₄ is OH then X is other than cyclohexyl.~~

2. (original) A compound according to claim 1, wherein Cy is a 5- or 6-member non-aromatic heterocycle optionally substituted with hydroxyl, mercapto, thioalkyl, halogen, oxo, thio, amino, aminoalkyl, amidine, guanidine, nitro, alkyl, alkoxy or acyl.
3. (original) A compound according to claim 2, wherein said heterocycle comprises one or two heteroatoms and is optionally substituted with hydroxyl, oxo, mercapto, thio, alkyl or alkanoyl.
4. (original) A compound according to claim 3, wherein said heterocycle is selected from the group consisting of piperidine, piperazine, morpholine, tetrahydrofuran, tetrahydrothiophene, oxazolidine, cyclopropa-pyrrolidine

10/618,178

PATENT DOCKET NO.: P1862R1CI

and thiazolidine optionally substituted with hydroxy, oxo, mercapto, thio, alkyl or alkanoyl.

5. (original) A compound according to claim 4, wherein said heterocycle is selected from the group consisting of piperidine, piperazine, morpholine, tetrahydrofuran, tetrahydrothiophene, oxazolidine, thiazolidine optionally substituted with hydroxy, oxo, mercapto, thio, alkyl or alkanoyl.

6-9. (cancelled)

10. (original) A compound according to claim 1, wherein X is -CH₂-NR₆-C(O)- wherein the carbonyl -C(O)- portion thereof is covalently bound to Cy and R₆ is H or alkyl.

11. (original) A compound according to claim 1, wherein Y is a carbocycle or heterocycle optionally substituted with hydroxyl or halogen.

12. (original) A compound according to claim 11, wherein Y is furan-2-yl, thiophene-2-yl or phenyl, wherein said phenyl is optionally substituted with halogen or hydroxyl.

13. (cancelled)

14. (currently amended) A compound according to claim 13, wherein L is -CH=CH-C(O)-NR₆-CH₂-, -CH₂-NR₆-C(O)-, -C(O)-N₆-CH₂-, -CH(OH)-(CH₂)₂-, -(CH₂)₂-CH(OH)-, -(CH₂)₃-, -C(O)-NR₆-CH(R₇)-C(O)-NR₆, -NR₆-C(O)-CH(R₇)-NR₆-C(O)-, -CH(OH)-CH₂-

10/618,178

PATENT DOCKET NO.: P1862R1C1

O- or -CH(OH)-CF₂-CH₂- wherein each R₆ is independently H or alkyl and R₇ is an amino acid side chain.

15. (original) A compound according to claim 14, wherein R₁ is H, OH, amino, O-carbocycle or alkoxy optionally substituted with a carbocycle.
16. (original) A compound according to claim 15, wherein R₁ is H or C₁₋₄ alkyloxy.
17. (original) A compound according to claim 1, wherein at least one of R₂ and R₃ is halogen and the other is H or halogen.
18. (original) A compound according to claim 17, wherein R₂ and R₃ are both Cl.
19. (original) A compound according to claim 18, wherein R₄ and R₅ are both H.
20. (original) A pharmaceutical composition comprising a compound according to claim 1 with a pharmaceutically acceptable adjuvant, diluent or carrier.
21. (cancelled)
22. (currently amended) A method of treating a disease or condition mediated by LFA-1 binding to an ICAM protein ligand in a mammal comprising administering to said mammal an effective amount of a compound according to claim 1 wherein said disease or condition is arthritis, psoriasis,

10/618,178

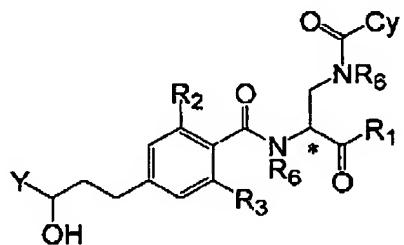
PATENT DOCKET NO.: PI862R1C1

organ transplant rejection, asthma, and inflammatory bowel disease.

23. (cancelled)

23. (currently amended) A method of treating inhibiting an inflammatory disease or condition in a mammal comprising administering to said mammal an effective amount of a compound according to claim 1.

24. (new) The compound of claim 1 having the formula (Id)



(Id)

Cy is a non-aromatic heterocycle optionally substituted with hydroxyl, mercapto, thioalkyl, halogen, oxo, thio, amino, aminoalkyl, amidine, guanidine, nitro, alkyl, alkoxy or acyl;

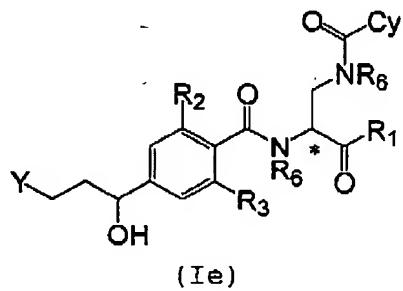
Y is a carbocycle or heterocycle optionally substituted with hydroxyl, mercapto, halogen, oxo, thio, thioalkyl, amino, aminoalkyl, carbocycle or heterocycle ring, hydrocarbon, a halo-substituted hydrocarbon, amino, amidine, guanidine, cyano, nitro, alkoxy or acyl;

10/618,178

PATENT DOCKET NO.: P1862R1CI

R_1 is H, OH, amino, O-carbocycle or alkoxy optionally substituted with amino, a carbocycle or heterocycle;
 R_2 and R_3 are independently H, hydroxyl, mercapto, halogen, cyano, amino, amidine, guanidine, nitro or alkoxy;
 R_6 is H or a hydrocarbon chain optionally substituted with a carbocycle or a heterocycle; and
salts, solvates and hydrates thereof.

25. (new) The compound of claim 1 having the formula (Ie)



Cy is a non-aromatic heterocycle optionally substituted with hydroxyl, mercapto, thioalkyl, halogen, oxo, thio, amino, aminoalkyl, amidine, guanidine, nitro, alkyl, alkoxy or acyl;

Y is a carbocycle or heterocycle optionally substituted with hydroxyl, mercapto, halogen, oxo, thio, thioalkyl, amino, aminoalkyl, carbocycle or heterocycle ring, hydrocarbon, a halo-substituted hydrocarbon, amino, amidine, guanidine, cyano, nitro, alkoxy or acyl;

R_1 is H, OH, amino, O-carbocycle or alkoxy optionally substituted with amino, a carbocycle or heterocycle;

10/618,178

PATENT DOCKET NO.: PI862R1C1

R₂ and R₃ are independently H, hydroxyl, mercapto, halogen, cyano, amino, amidine, guanidine, nitro or alkoxy; R₆ is H or a hydrocarbon chain optionally substituted with a carbocycle or a heterocycle; and salts, solvates and hydrates thereof.

26. (new) The compound of claim 24 wherein the chiral carbon marked with * has an S-configuration.
27. (new) The compound of claim 25 wherein the chiral carbon marked with * has an S-configuration.